

IN THE CLAIMS:

1. (original) An epoxy resin composition for carbon-fiber-reinforced composite materials, comprising the following components [A], [B] and [C]:

[A] epoxy resin,

[B] amine curing agent; and

[C] phosphorus compound,

wherein the concentration of the component [C] is 0.2 to 15% by weight in terms of phosphorus atom concentration.

2. (original) The epoxy resin composition for carbon-fiber-reinforced composite materials according to claim 1, characterized in that the viscosity of the composition is 10 to 700 Pa·s at 60°C.

3. (currently amended) The epoxy resin composition for carbon-fiber-reinforced composite materials according to ~~claim 1 or 2~~ claim 1, characterized by comprising red phosphorus as the component [C].

4. (original) The epoxy resin composition for carbon-fiber-reinforced composite materials according to claim 3, characterized in that the red phosphorus is coated with a metal hydroxide and/or

a resin.

5. (currently amended) The epoxy resin composition for carbon-fiber-reinforced composite materials according to ~~any of claims 1 to 4~~ claim 1, characterized in that the amine curing agent, as the component [B], is dicyandiamide.

6. (currently amended) The epoxy resin composition for carbon-fiber-reinforced composite materials according to ~~any of claims 1 to 5~~ claim 1, characterized in that the amine curing agent, as the component [B], is a latent curing agent that is activated at 70 to 125°C.

7. (currently amended) The epoxy resin composition for carbon-fiber-reinforced composite materials according to ~~any of claims 1 to 6~~ claim 1, characterized in that the amine curing agent, as the component [B], is an aromatic polyamine.

8. (currently amended) The epoxy resin composition for carbon-fiber-reinforced composite materials according to ~~any of claims 1 to 4~~ claim 1, further comprising a curing accelerator as an component [D].

9. (currently amended) The epoxy resin composition for carbon-fiber-reinforced composite materials according to ~~any of claims 1 to 8~~ claim 1, characterized in that the curing accelerator, as the component [D], is a compound that has 2 or more urea bonds per molecule.

10. (currently amended) The epoxy resin composition for carbon-fiber-reinforced composite materials according to ~~claim 8 or 9~~ claim 8, characterized in that the curing accelerator, as the component [D], is 1,1'-4(methyl-m-phenylene)bis(3,3-dimethylurea) and/or 4,4'-methylene bis(phenyldimethylurea).

11. (currently amended) The epoxy resin composition for carbon-fiber-reinforced composite materials according to ~~any of claims 1 to 10~~ claim 1, characterized in that the specific gravity of the composition is 1.35 or lower.

12. (currently amended) The epoxy resin composition for carbon-fiber-reinforced composite materials according to ~~any of claims 1 to 11~~ claim 1, characterized in that the composition can be cured within 30 minutes at 150°C.

13. (currently amended) A prepreg, prepared by impregnating carbon fiber with the epoxy resin composition for carbon-fiber-reinforced composite materials according to ~~any of claims 1 to 12~~ claim 1.

14. (original) The prepreg according to claim 13, characterized in that the fiber volume content of a prepreg is 30 to 95%.

15. (currently amended) A fiber-reinforced composite sheet, characterized by comprising a cured resin prepared by curing the epoxy resin composition for carbon-fiber-reinforced composite materials according to ~~any of claims 1 to 12~~ claim 1; and carbon fiber.

16. (currently amended) A fiber-reinforced composite sheet, prepared by curing a prepreg according to ~~either claim 13 or 14~~ claim 13.

17. (original) A carbon-fiber-reinforced composite sheet, characterized in that the thickness of the sheet is 0.05 to 2.0 mm, the flame retardance is UL-94 V-1 or V-0, and the phosphorus atom

concentration in the entire composite material is 0.03 to 12% by weight.

18. (original) An integrated molding, in which a member (I), which comprises a fiber-reinforced composite sheet comprising (a) continuous reinforcing fiber, (b) a matrix resin comprising a thermosetting resin as a major component and (c) a flame-retardant, is joined with another member (II), characterized in that the flame retardance in accordance with UL-94 of the member (I) is V-1 or V-0 for test pieces having a substantial thickness of the member (I).

19. (original) The integrated molding according to claim 18, wherein the glass transition temperature T_g of (b) the matrix resin comprising a thermosetting resin as a major component satisfies the following equation: $T_{max} - T_g \leq 50$.

20. (original) The integrated molding according to claim 19, characterized in that (c) the flame-retardant comprises one or more flame-retardants selected from the group consisting of phosphorus, nitrogen and silicon flame-retardants.

21. (currently amended) The integrated molding according to

~~any of claims 18 to 20~~ claim 18, characterized in that (c) the flame-retardant is a phosphorus flame-retardant that comprises phosphorus or a phosphorus compound at a concentration of 0.03 to 12% by weight in terms of phosphorus atom concentration.

22. (currently amended) The integrated molding according to ~~either claim 20 or 21~~ claim 20, characterized in that (c) the flame-retardant is red phosphorus.

23. (original) The integrated molding according to claim 22, characterized in that the surface of the red phosphorus is coated with a metal hydroxide and/or a resin.

24. (currently amended) The integrated molding according to ~~any of claims 18 to 23~~ claim 18, characterized in that the substantial thickness of the member (I) is 0.05 to 2.0 mm.

25. (currently amended) The integrated molding according to ~~any of claims 18 to 23~~ claim 18, characterized in that the substantial thickness of the member (I) is 0.1 to 1.0 mm.

26. (currently amended) The integrated molding according to

~~any of claims 18 to 25~~ claim 18, characterized in that the substantial thickness of the member (I) is 0.2 to 0.8 mm.

27. (original) A fiber-reinforced composite sheet (A), comprising (a) continuous reinforcing fiber, (b) a matrix resin comprising a thermosetting resin as a major component and (c) a flame-retardant, characterized in that at least part of the sheet surface has (d) a layer comprising a thermoplastic resin as a major component and the flame retardance in accordance with UL-94 of the sheet is V-1 or V-0 for test pieces having a substantial thickness of the sheet.

28. (original) The fiber-reinforced composite sheet according to claim 27, wherein the glass transition temperature T_g of (b) the matrix resin comprising a thermosetting resin as a major component satisfies the following equation: $T_{max} - T_g \leq 50$.

29. (currently amended) The fiber-reinforced composite sheet according to ~~claim 27 or 28~~ claim 27, characterized in that (c) the flame-retardant comprises one or more flame-retardants selected from the group consisting of phosphorus, nitrogen and silicon flame-retardants.

30. (currently amended) The fiber-reinforced composite sheet according to ~~any of claims 27 to 29~~ claim 27, characterized in that (c) the flame-retardant is a phosphorus flame-retardant that comprises phosphorus or a phosphorus compound at a concentration of 0.03 to 12% by weight in terms of phosphorus atom concentration.

31. (currently amended) The fiber-reinforced composite sheet according to ~~any of claims 27 to 30~~ claim 27, characterized in that (c) the flame-retardant is red phosphorus.

32. (original) The fiber-reinforced composite sheet according to claim 31, characterized in that the surface of the red phosphorus is coated with a metal hydroxide and/or a resin.

33. (currently amended) The fiber-reinforced composite sheet according to ~~any of claims 27 to 32~~ claim 27, characterized in that (b) the matrix resin composition comprising a thermosetting resin as a major component and (d) the thermoplastic resin layer form unevenness at their interface.

34. (original) The fiber-reinforced composite sheet according to claim 33, wherein of (a) the continuous reinforcing fiber, a

plurality of reinforcing fiber groups on (d) the layer side comprising a thermoplastic resin as a major component are embedded in (d) the layer comprising a thermoplastic resin as a major component.

35. (currently amended) The fiber-reinforced composite sheet according to ~~either claim 33 or 34~~ claim 33, wherein the thickness of (d) the layer comprising a thermoplastic resin as a major component is 10 to 100 μm .

36. (currently amended) The fiber-reinforced composite sheet according to ~~any of claims 33 to 35~~ claim 33, wherein the bonding strength in accordance with ISO4587 of the sheet is 6 MPa or higher at 25°C for test pieces prepared using the fiber-reinforced composite sheet (A) by the process described in the present specification.

37. (currently amended) The fiber-reinforced composite sheet according to ~~any of claims 33 to 36~~ claim 33, characterized in that the flame retardance in accordance with UL-94 of the sheet is V-1 or V-0 for test pieces having a thickness of 0.05 to 2.0 mm.

38. (currently amended) The fiber-reinforced composite sheet according to ~~any of claims 33 to 36~~ claim 33, characterized in that the flame retardance in accordance with UL-94 of the sheet is V-1 or V-0 for test pieces having a thickness of 0.1 to 1.0 mm.

39. (currently amended) The fiber-reinforced composite sheet according to ~~any of claims 33 to 36~~ claim 33, characterized in that the flame retardance in accordance with UL-94 of the sheet is V-1 or V-0 for test pieces having a thickness of 0.2 to 0.8 mm.

40. (currently amended) An integrated molding, characterized in that the fiber-reinforced composite sheet according to ~~any of claims 27 to 39~~ claim 27 is joined with another member (II).

41. (original) The integrated molding according to claim 40, characterized in that the fiber-reinforced composite sheet (A) is joined with another member (II) via (d) the thermoplastic resin layer.

42. (currently amended) The integrated molding according to ~~either claim 40 or 41~~ claim 40, characterized in that the bonding strength in the vertical direction of the joining portion between

the fiber-reinforced composite sheet (A) and another member (II) is 6 MPa or higher at 25°C.

43. (currently amended) The integrated molding according to ~~any of claims 18 to 26 and claims 40 to 42~~ claim 18, characterized in that the another member (II) is made up of one or more materials selected from the group consisting of the same material as the member (I) itself, thermoplastic resin compositions and metallic materials.

44. (currently amended) The integrated molding according to ~~any of claims 18 to 26 and claims 40 to 43~~ claim 18, characterized in that the member (II) is made up of a red phosphorus-containing nylon compound and the flame retardance in accordance with UL-94 of the member (II) is V-0 for test pieces having the substantial thickness of the member (II).

45. (currently amended) The integrated molding according to ~~any of claims 18 to 26 and claims 40 to 44~~ claim 18, characterized in that the member (II) is made up of a thermoplastic resin composition comprising reinforcing fiber.

46. (currently amended) The integrated molding according to ~~any of claims 18 to 26 and claims 40 to 45~~ claim 18, characterized in that the continuous reinforcing fiber is carbon fiber.

47. (currently amended) The integrated molding according to ~~any of claims 18 to 26 and claims 40 to 45~~ claim 18, characterized in that the thermoplastic resin of (b) the matrix resin composition comprising a thermoplastic resin as a major component is an epoxy resin.

48. (currently amended) A casing for electrical/electronic equipment comprising the integrated molding according to ~~any of claims 18 to 26 and claims 40 to 47~~ claim 18.

49. (original) The casing for electrical/electronic equipment according to claim 48, characterized in that the electrical/electronic equipment is one or more kinds of equipment selected from the group consisting of note-type personal computers, cellular phones, mobile information terminals, digital cameras, acoustic equipment and electronic storage media.